



INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known	
		Application Number	10/717,171
		Filing Date	November 18, 2003
		First Named Inventor	CONSTANTZ, BRENT R.
		Art Unit	1615
Sheet 1 of 2	Examiner Name	Unassigned	
		Attorney Docket Number	SKEL-008

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)				
SM		US- 4,160,012		07-03-1979	Ono et al.	
SA		US- 4,161,511		07-17-1979	Shiraki et al.	
SA		US- 4,429,691		02-07-1984	Niwa et al.	
SA		US- 4,497,075		02-05-1985	Niwa et al.	
SA		US- 4,490,163		02-05-1991	Ducheyne et al.	
SA		US- 5,281,265		01-25-1994	Liu	
SA		US- 5,525,148		06-11-1996	Chow et al.	
SA		US- 5,545,254		08-13-1996	Chow et al.	
SA		US- 5,580,623		12-03-1996	Fulmer et al.	
SA		US- 5,679,294		10-21-1997	Umezue et al.	
SA		US- 5,695,729		12-09-1997	Chow et al.	
SA		US- 5,697,981		12-16-1997	Ison et al.	
SA		US- 5,900,254		05-04-1999	Constantz	
SA		US- 5,954,867		09-21-1999	Chow et al.	
SA		US- 5,962,028		10-05-1999	Constantz	
SA		US- 5,968,253		10-19-1999	Poser et al.	
SA		US- 5,976,234		11-2-1999	Chow et al.	
SA		US- 5,997,624		12-07-1999	Chow et al.	
SA		US- 6,005,162		12-21-1999	Constantz	
SA		US- 6,017,729		01-25-2000	Anderson et al.	
SA		US- 6,027,742		02-22-2000	Lee et al.	
SA		US- 6,139,578		10-31-2000	Lee et al.	
SA		US- 6,376,935		04-23-2002	Constantz	
SA		US- 6,479,635		11-12-2002	Anderson et al.	
SA		US- 6,528,482		03-04-2003	Anderson et al.	
SA		US- 6,537,763		03-25-2003	Dougall et al.	
SA		US 20030050223		03-13-2003	Lam et al.	
		US				

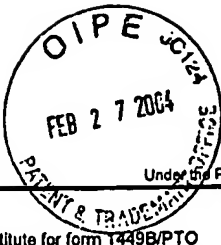
FOREIGN PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

Examiner Signature		Date Considered	12/5/5
-----------------------	--	--------------------	--------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



PTO/SB/08a (05-03)

Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 2 of 2

Complete if Known

Application Number	10/717,171
Filing Date	November 18, 2003
First Named Inventor	CONSTANTZ, BRENT R.
Group Art Unit	1615
Examiner Name	Unassigned
Attorney Docket Number	SKEL-008

OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
SW		ANDERSON et al. "A homologue of the TNF receptor and its ligand enhance T-cell growth and dendritic- cell function" <i>Nature</i> Vol. 390, 11/13/1997 pp. 175-179	
SW		LACEY et al. "Osteoprotegerin Ligand is a Cytokine that Regulates Osteoclast Differentiation and Activation" <i>Cell</i> (1998) 93:165-176	
SW		WONG et al. "TRANCE is a Novel Ligand of the Tumor Necrosis Factor Receptor Family That Activates c- Jun N-terminal Kinase in T Cells" <i>The Journal of Biological Chemistry</i> Vol. 272, No. 40 10-3-1997, pp. 25190-25194	
SW		YASUDA et al. "Osteoclast differentiation factor is a ligand for osteoprotegerin/osteoclastogenesi- inhibitory factor and is identical to TRANCE/RANKL" <i>Proc. Natl. Acad. Sci. USA</i> Vol. 95, pp. 3597-3602, March 1998	

Examiner Signature		Date Considered	12/05/05
-----------------------	--	--------------------	----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/P 10		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10717.171
		Filing Date	November 18, 2003
		First Named Inventor	Constantz et al.
		Art Unit	1615
		Examiner Name	Unassigned
		Attorney Docket Number	SKEL-008
Sheet 1 of 1			

U.S. PATENT DOCUMENTS					
Examiner Initials ¹	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
SW		US2002/0155167	10-24-2002	Lee et al.	
SA		US2003/0199815	10-23-2003	Chaput et al.	
TH		US2004/0076656	04-22-2004	Tas	

FOREIGN PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issuue number(s), publisher, city and/or country where published.	T ²

Examiner Signature	<i>En H. H. H.</i>	Date Considered	12/5/05
--------------------	--------------------	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.